

**Amendments to the Claims:**

This listing of claims replaces all prior versions and listings of claims in this application.

**Listing of the Claims:**

1. (Canceled)
2. (Previously Presented) The probe module of claim 7, wherein each of the plurality of probe pins further comprises a probe pin head extending from the probe pin body and a generally tapered probe pin tip provided on the probe pin head.
3. (Previously Presented) The probe module of claim 7, wherein the circuit interconnect device comprises a plurality of conductive probe circuits provided on the probe base in electrical contact with the plurality of probe pins, respectively, and a flexible circuit board provided in electrical contact with the plurality of conductive probe circuits.
4. (Canceled)
5. (Previously Presented) The probe module of claim 7, wherein each of the plurality of probe pins further comprises a probe pin head extending from the probe pin body and a generally semi-spherical probe pin tip provided on the probe pin head.
6. (Canceled)
7. (Previously Presented) A probe module comprising:
  - a probe base having a plurality of conductive metal traces;
  - a plurality of probe pins attached to the probe base, each of the probe pins comprising an elongated body wherein at least part of the elongated body is bonded to the plurality of conductive metal traces of the probe base;
  - a circuit interconnect device for connecting the plurality of probe pins to an inspection apparatus; and

a compression arm attached to the probe base and configured to engage the plurality of probe pins.

8-12. (Canceled)

13. (Previously Presented) The probe module of claim 7 wherein the  
a plurality of probe pins have a generally tetrahedral probe pin tip.

14-21. (Canceled)

22. (Previously Presented) The probe module of claim 7, wherein the flexible circuit board  
couples the probe pins to a testing unit via the conductive metal traces.

23. (Canceled)

24. (Previously Presented) The probe module of claim 7, wherein the probe pins include a probe  
head having at least one of a tapered, semi-spherical, inverted-pyramid or a tetrahedral shape.

25. (Previously Presented) The probe module of claim 7, wherein the probe pins include an  
elongated are body such that at least a part of the elongated arm body is attached with the probe  
base.

26-33. (Canceled)

34. (Previously Presented) The probe module of claim 7, further comprising at least one  
adjustment screw provided on the probe base that can be manipulated to adjust the compression  
arm against the plurality of probe pins to adjust the contact angle of the probe pins.